

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	10/019789	US-PGPUB; USPAT	OR	ON	2005/07/21 16:57
L4	1598	704/201.ccls. 704/205-207.ccls. 704/220.	US-PGPUB; USPAT	OR	ON	2005/07/21 16:58
L5	2119	704/201.ccls. 704/205-207.ccls. 704/220.ccls. 704/222.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/21 16:58
L6	14	(capman near3 francois)".in" (murgia near3 carlo)".in"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 17:01
S1	175	(fourier fft) and ((upper higher high) near4 (frequenc\$4 envelope)) and (harmonic (frequency near3 multiple)) and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 09:39
S3	6	(fourier fft) and (compress\$4 with ((upper higher high) near4 (frequenc\$4 envelope))) and (harmonic (frequency near3 multiple)) and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 09:43
S4	28	(fourier fft) and ((upper higher high) near4 (frequenc\$4 envelope)) with (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 10:05
S5	25	((upper higher high) near4 (frequenc\$4 envelope band)) near7 (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 10:12
S6	18	(compress\$4 near5 ((upper higher high) near4 (frequenc\$4 envelope band))) and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 10:25
S9	1	S8 and (compress\$4 near7 ((upper higher high) near3 (frequency band)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 10:50
S10	104	(harmonic (multiple near3 frequency)) and (cepstrum cepstral) and (FFT Fourier) and (fundamental near3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 10:47
S11	104	(harmonic (multiple near3 frequency)) and (cepstrum cepstral) and (FFT Fourier) and (fundamental near3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 10:51
S12	75	S10 and ((upper higher high) near3 (frequency band))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 10:50

S14	20	((harmonic (multiple near3 frequency)) with phase) and (cepstrum cepstral) and (FFT Fourier) and (fundamental near3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 11:59
S20	8	((harmonic (multiple near3 frequency)) with phase) and (cepstrum cepstral) and (FFT Fourier) and (first near3 harmonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 12:01
S21	28	((harmonic (multiple near3 frequency)) same phase) and (cepstrum cepstral) and (FFT Fourier) and ((first near3 harmonic) (fundamental near3 frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 13:54
S22	75	((harmonic (multiple near3 frequency)) and phase) and (cepstrum cepstral) and (FFT Fourier) and ((first near3 harmonic) (fundamental near3 frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 13:38
S23	0	sinusoidal and (sassan near3 ahmadi)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 13:38
S24	2	(sassan near3 ahmadi)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 17:00
S25	32	((harmonic (multiple near3 frequency)) same phase) and (cepstrum cepstral) and (FFT Fourier) and (pitch near3 frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 14:08
S26	12	"5226084".pn. "5651092".pn. "5701391".pn. "5774837".pn. "5787387".pn. "5890108".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 14:09
S28	29	(fourier fft) and (cepstrum cepstral) and (phase with harmonic) and ((higher high upper) and (frequency band frequencies))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 16:01
S29	25	(fourier fft) and (cepstrum cepstral) and (phase with harmonic) and ((higher high upper) near5 (frequency band frequencies))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 16:43
S30	4	((smooth\$4 and filter\$4) near3 (cepstral cepstrum)) and ((minimum smallest) near6 (phase difference))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 16:45
S31	19	((smooth\$4) near3 (cepstral cepstrum)) and ((minimum smallest) near6 (phase difference))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 16:46

S32	50	((smooth\$4 filter\$4) with (cepstral cepstrum)) and ((minimum smallest) near6 (phase difference))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 16:52
S33	6	S32 and (quantiz\$4 near7 (difference phase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 16:48
S34	12	((lifter\$4) with (cepstral cepstrum)) and ((minimum smallest) near6 (phase difference))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 16:55
S35	11	((lifter\$4) with (cepstral cepstrum)) and ((minimum smallest) near6 (phase difference)) and smooth\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 17:14
S36	0	((lifter\$4) with (cepstral cepstrum)) and ((minimum smallest) near6 (phase difference)) and smooth\$4 and quantiz\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/10 17:14
S37	29	lifter\$4 and variation and phase and (cepstrum cepstral)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 09:03
S38	1	smooth\$4 with ((fast slow abrupt) near4 variations) and cepstrum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 09:16
S39	0	(modulus near4 magnitude) same (minimum near4 (distance phase) with harmonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 09:22
S40	1	(modulus near4 magnitude) and (minimum near4 (distance phase) with harmonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 09:25
S41	5	(magnitude) same (minimum near4 (distance phase) with harmonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 09:30
S42	151	(magnitude) same (minimum near4 (distance phase) same (select\$4 harmonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 09:31
S43	0	(magnitude) same (minimum near4 (distance phase) same (select\$4 near5 harmonic))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 09:32

S44	0	(magnitude) same (minimum near4 (distance phase) same (select\$4 near5 (frequency near3 multiple)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:05
S45	98	(magnitude) and (minimum near4 (distance phase) and (select\$4 near5 (harmonic (frequency near3 multiple))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:05
S46	298	(magnitude) and ((least minimum) near4 (distance phase) and (select\$4 near5 (harmonic (frequency near3 multiple))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:06
S47	0	(magnitude) same ((least minimum) near4 (distance difference phase) same (select\$4 near5 (frequency near3 multiple)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:06
S48	265	(magnitude) and ((least) near4 (distance difference phase) and (select\$4 near5 (harmonic (frequency near3 multiple))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:06
S49	3	(magnitude) and ((least minimum) near4 (distance difference phase) same (select\$4 near5 (frequency near3 multiple)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:39
S50	15	((cepstral cepstrum) near4 (variation)) same (smooth\$4 filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:43
S51	4	((cepstral cepstrum) near8 (slope)) same (smooth\$4 filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:44
S52	20	(cepstral cepstrum) and (select\$4 near5 (harmonic (frequency near4 multiple)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:55
S53	2054	(spectrum) and (select\$4 near5 (harmonic (frequency near4 multiple)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:55
S54	0	(spectrum) and ((minimum near3 phase) with (select\$4 near5 (harmonic (frequency near4 multiple))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:56
S55	0	(spectrum) and ((minimum near3 (difference distance phase)) with (select\$4 near5 (harmonic (frequency near4 multiple))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:57

S56	2	(spectrum) and (((minimum near3 (difference distance phase)) same (select\$4 near5 (harmonic (frequency near4 multiple))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 10:58
S57	15	(spectrum) and (((least lowest) near5 (difference distance phase)) same (select\$4 near5 (harmonic (frequency near4 multiple))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 12:36
S58	25	(smooth\$4 averag\$4) near6 (abrupt fast quick rapid) and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 12:40
S59	3	(smooth\$4 averag\$4) near6 (minor slow) and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 12:40
S60	221	(slowly near5 vary\$4) and ((rapidly quickly) near4 vary\$4) and smooth\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:09
S61	9	(slowly near5 vary\$4) and ((rapidly quickly) near4 vary\$4) and smooth\$4 and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:19
S62	1	((smooth\$4 filter\$4) near6 (slowly near5 vary\$4)) and ((rapidly quickly) near4 vary\$4) and smooth\$4 and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:22
S63	49	((smooth\$4 filter\$4) near6 ((voice speech) near4 (segment period))) and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:25
S64	0	((additional greater more) near4 (smooth\$4 filter\$4) near6 ((voice speech) near4 (segment period))) and (cepstral cepstrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 13:57
S65	4	"704"/\$.ccls. and (forget near3 factor)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:10
S66	2	(threshold with (cepstrum cepstral)) same (delet\$4 remov\$4 forget\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:11
S67	1	(threshold with (cepstrum cepstral)) near20 (delet\$4 remov\$4 forget\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:38

S68	0	((adaptive near5 threshold) with (cepstrum cepstral))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:39
S69	0	((adaptive near5 threshold) same (cepstrum cepstral))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:46
S70	18	((adaptive near5 threshold) and (cepstrum cepstral))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:40
S71	0	((adaptive near10 threshold) same (cepstra))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:48
S72	10	(threshold with(cepstra cepstral cepstrum)) same (discard\$4 delet\$4 remov\$4 reject\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 14:52
S73	6	(threshold with (LPC)) same (discard\$4 delet\$4 remov\$4 reject\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 09:46
S74	1	10/031517	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/12 15:04
S75	39	(cepstral near5 equation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 10:07
S76	50	((cepstrum cepstra)near5 equation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 10:07
S77	50	((cepstrum cepstra) near5 equation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 10:32
S78	0	((liftering) near5 equation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 10:32
S79	10	((lifter) near5 equation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 10:32

S80	3173	704/201.ccls. 704/205.ccls. 704/206.ccls. 704/207.ccls. 704/220.ccls. 704/222.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/11/15 12:04
S81	7642	(pitch f0 ((center central fundamental) near5 (frequency pitch))) and ((spectrum spectral spectra (frequency near3 domain)) with (DFT fft transform fourier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:23
S82	9901	((compress\$4 compact\$4 delet\$4 eras\$4) near6 (upperband highband ((upper higher high) near5 (frequency envelope contour shape spectrum))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:25
S83	220	S81 and S82	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:25
S84	89	S83 and (harmonic)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:25
S85	75	S84 and ((amplitude magnitude) and phase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:26
S86	33134	(lifter\$4 ((cepstral cepstrum cepstra) near7 (weight\$4 scal\$4 gain)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:27
S87	170	S86 and ((min minimum lower lowest) near6 (phase))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:27
S88	13	S87 and harmonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/07/21 14:27